

IN THE CLAIMS:

Please amend claims 11, 20 and 21 as follows.

1. (Previously Presented) Handover-method in a cellular radio system including base transceiver stations and mobile stations, in which cellular radio system at least two frequency bands are used, wherein the method comprises the steps of:

transmitting by each base transceiver station a broadcast intended for all mobile stations in a first frequency range;

starting handover to the second frequency range;

supplying a criterion for a conditional handover to a base transceiver station;

measuring bursts sent by a mobile station and relating to the handover signalling at

D1 Cont. the base transceiver station;

comparing the measurement results with the criterion; and

when the criterion is met, completing the handover .

2. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the steps of:

interrupting the handover, when the criterion is not met; and

continuing the communication between mobile station and network on the initial channel, from which the handover started.

3. (Previously Presented) Method as defined in claim 2, wherein the method further comprises the step of notifying the mobile station of the handover interruption.

4. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the step of measuring the signal level of the mobile station's bursts.

5. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the step of measuring the signal-to-noise ratio of the mobile station's bursts.

D1 Cont.
6. (Previously Presented) Method as defined in claim 1, wherein the criterion is transmitted to the base transceiver station in connection with the channel assignment signaling.

7. (Canceled)

8. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the step of measuring, at the base transceiver station, on a new channel assigned for the connection the bursts of connection request signalling received from the mobile station.

9. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the step of measuring, at the base transceiver station, the bursts of link connection set up signalling received from the mobile station.

10. (Previously Presented) Method as defined in claim 1, wherein the first frequency range is a frequency range of a lower frequency than the second frequency range.

11. (Currently Amended) Handover-method in a cellular radio system including base transceiver stations and mobile stations, wherein the method comprises the steps of:

starting handover from an initial channel to a target channel;
supplying a criterion for a conditional handover to a base transceiver station;
measuring bursts transmitted by the mobile station and relating to the handover[[]] signalling at the base transceiver station,
comparing the measurement results with the criterion; and
when the criterion is met, completing the handover.

12. (Currently Amended) Method as defined in claim 11, wherein the method further comprises the step of:

interrupting the handover, when the criterion is not met; and

continuing the communication between the mobile station and the network on the initial channel, from which handover started.

13. (Previously Presented) Method as defined in claim 12, wherein the method further comprises the step of notifying the mobile station of the handover interruption.

14. (Previously Presented) Method as defined in claim 11, wherein the method further comprises the step of measuring the signal level of the mobile station's bursts.

D1 Cont.
15. (Previously Presented) Method as defined in claim 11, wherein the method further comprises the step of measuring the signal-to-noise ratio of the mobile station's bursts.

16. (Previously Presented) Method as defined in claim 11, wherein the criterion is transmitted to the base transceiver station in connection with the channel assignment request signaling.

17. (Canceled)

18. (Previously Presented) Method as defined in claim 11, wherein the method further comprises the step of measuring, at the base transceiver station, on the target

channel the bursts of the connection request signalling received from the mobile station are measured at the base transceiver station.

19. (Previously Presented) Method as defined in claim 11, wherein the method further comprises the step of measuring, at the base transceiver station, the signal of the link connection set up signalling received from the mobile station.

20. (Currently Amended) Mobile communications system including base transceiver stations and mobile stations, ~~wherein~~ the mobile communications system is adapted configured:

to start a conditional handover and to supply a criterion for the conditional handover to ~~the~~ a base transceiver station,

to measure ~~the signal of the~~ bursts sent by a mobile station's station and relating to a handover signalling at the base ~~transceiver~~ transceiver station,

to compare the measurement results with the criterion, and

to interrupt the handover, when the mobile station signal as a result of the comparison does not meet the criterion.

21. (Currently Amended) Base transceiver station including a handover-signalling unit for controlling the handover signalling, ~~wherein~~ the base transceiver station ~~also includes~~ comprising:

measuring means for measuring ~~the signal of~~ bursts sent by a mobile station and
relating to the handover signalling received from the mobile station; and

01 Cancel- comparison means for comparing ~~the~~ measurement results of the measuring means
with ~~the~~ a pre-established criterion for continuation of handover, whereby as a result of
the comparison a control signal is obtained for the handover-signalling unit.
